# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Concrete Sea Wall East of Harrison Car Maintenance Facility DBNUM: PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

**Sponsor:** PANYNJ

Air Quality Code:

O9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$12.969

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$.945	\$.352		
CON	SECT 5324	\$8.506	\$3.166		
		\$9.451	\$3.518		

2024-2029

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Concrete Sea Wall East of Harrison Car Maintenance Facility DBNUM: PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River.

THE PORT AUTHORITY
OF NY & NJ

Counties:

Hudson

**Municipalities:** 

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

**Sponsor:** PANYNJ

**Air Quality Code:** 

O9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$9.451

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ	\$.945				
CON	SECT 5324	\$8.506				
		\$9.451				

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### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Concrete Sea Wall East of Harrison Car Maintenance Facility DBNUM: PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River.

E PORT AUTHORI OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor: **PANYNJ** 

Air Quality Code:

O9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$1.290

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ	\$.130				
CON	SECT 5324	\$1.160				
		\$1.290				

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### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Harrison Car Maintenance Facility Automatic Flood Barrier

PANYNJ will receive funding to construct an automated flood barrier at the Harrison Car Maintenance Facility, which was significantly damaged by Hurricane Sandy. This site is currently protected by temporary barriers. Total eligible amount is \$ 19,815,200. The FTA share is \$ 14,861,400. The PANYNJ share is \$ 4,953,800.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

**Sponsor:** PANYNJ

Air Quality Code:

Est. Total Project Cost: (Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$3.518

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ		\$.352			
CON	SECT 5324		\$3.166			
			\$3.518			

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Lifts DBNUM: PA1416

Funding is provided for the replacement of the Harrison Car Maintenance Facility lift. The Harrison Car Maintenance Facility in-ground lift in the service pit which is original to the shop and suffered severe water damage.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Hoboken City Harrison Twp Jersey City

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$1.108

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.111		
CON	SECT 5324		\$.997		
			\$1.108		

2024-2029

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Lifts **DBNUM:** PA1416

Funding is provided for the replacement of the Harrison Car Maintenance Facility lift. The Harrison Car Maintenance Facility in-ground lift in the service pit which is original to the shop and suffered severe water damage.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Hoboken City Harrison Twp Jersey City

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$1.108

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ	\$.111				
CON	SECT 5324	\$.997				
		\$1.108				

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Priority Protective Measures** 

High priority protective measures to ensure PATH is well prepared for future hurricane seasons and to provide protection to PATH facilities against flash floods and storm surges - measures to include Stop Logs, Horizontal Deck, Sand-filled Barriers, Water-filled Barriers, Watertight Doors, Pumps, Generators, and Fencing Area, and CIP Wall. This item also includes Permanent Flood Resiliency Repairs for PATH's Hoboken Station.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson Essex

**Municipalities:** 

Hoboken City Harrison Twp Jersey City

**DBNUM:** PA1410

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$0.000

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.000		
CON	SECT 5324		\$.000		

2024-2029

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Priority Protective Measures** 

High priority protective measures to ensure PATH is well prepared for future hurricane seasons and to provide protection to PATH facilities against flash floods and storm surges - measures to include Stop Logs, Horizontal Deck, Sand-filled Barriers, Water-filled Barriers, Watertight Doors, Pumps, Generators, and Fencing Area, and CIP Wall. This item also includes Permanent Flood Resiliency Repairs for PATH's Hoboken Station.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

Municipalities:

Hoboken City Harrison Twp Jersey City

**DBNUM:** PA1410

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

Est. Total Project Cost:

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$6.814

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.682		
CON	SECT 5324		\$6.132		
			\$6.814		

	2024-2029
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## **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Priority Protective Measures** 

High priority protective measures to ensure PATH is well prepared for future hurricane seasons and to provide protection to PATH facilities against flash floods and storm surges - measures to include Stop Logs, Horizontal Deck, Sand-filled Barriers, Water-filled Barriers, Watertight Doors, Pumps, Generators, and Fencing Area, and CIP Wall. This item also includes Permanent Flood Resiliency Repairs for PATH's Hoboken Station.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

**Municipalities:** 

Hoboken City Harrison Twp Jersey City

**DBNUM:** PA1410

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

Est. Total Project Cost:

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$6.814

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$.682			
CON	SECT 5324	\$6.132			
'		\$6.814			

2024-2029

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Priority Protective Measures** 

High priority protective measures to ensure PATH is well prepared for future hurricane seasons and to provide protection to PATH facilities against flash floods and storm surges - measures to include Stop Logs, Horizontal Deck, Sand-filled Barriers, Water-filled Barriers, Watertight Doors, Pumps, Generators, and Fencing Area, and CIP Wall. This item also includes Permanent Flood Resiliency Repairs for PATH's Hoboken Station.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

Municipalities:

Hoboken City Harrison Twp Jersev City

**DBNUM:** PA1410

NJDOT CIS Category:

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

**Sponsor:** PANYNJ

Air Quality Code:

O9, MT8 (Exempt)

Est. Total Project Cost: (Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$13.277

PHASE	SOURCE	2020	2021	2022	2023	2024
CON	PANYNJ	\$1.328				
CON	SECT 5324	\$11.949				
		\$13.277				

2024-2029

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Priority Protective Measures with Potential Environmental Impacts DBNUM: PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Twp Jersey City

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

Unconstrained Information Year

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PHASE	SOURCE	2020	2021	2022	2023			
CON	PANYNJ		\$.000					
CON	SECT 5324		\$.000					

FY 2020 - 2023 TIP Cost: (Million) \$0.000

	2024-2029
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## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Priority Protective Measures with Potential Environmental Impacts DBNUM: PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Twp Jersey City

NJDOT CIS Category:

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

Unconstrained Information Year

		<u> </u>			
PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.022		
CON	SECT 5324		\$.200		
			\$.222		

FY 2020 - 2023 TIP Cost: (Million) \$0.222

2024-2029

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### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Priority Protective Measures with Potential Environmental Impacts DBNUM: PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

**Municipalities:** 

Harrison Twp Jersey City

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

Unconstrained Information Year

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PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$.022			
CON	SECT 5324	\$.200			
		\$.222			

FY 2020 - 2023 TIP Cost: (Million) \$0.222

	2024-2029
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### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Rehabilitation of PATH Stations

The scope of work for this project includes the restoration of latent damage at the platform and mezzanine levels resulting from Superstorm Sandy at the Exchange Place, Grove Street, and Newport stations in Jersey City and the Hoboken Station located in Hudson County, NJ. Each station will be investigated to determine the extent of latent damage to the structural, mechanical, and electrical facilities that has occurred from Superstorm Sandy.

Architectural finishes will be restored throughout the stations and mezzanines. The item also will provide funds for the waterproofing of Newport Station.

# THE PORT AUTHORITY OF NY & NJ

#### Counties:

Hudson

### Municipalities:

Hoboken City Jersey City

#### **NJDOT CIS Category:**

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

**PANYNJ** 

#### Air Quality Code:

O9, MT8 (Exempt)

#### **Est. Total Project Cost:**

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$5.000

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ		\$.500			
CON	SECT 5324		\$4.500			
			\$5.000			

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### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Rehabilitation of PATH Stations

The scope of work for this project includes the restoration of latent damage at the platform and mezzanine levels resulting from Superstorm Sandy at the Exchange Place, Grove Street, and Newport stations in Jersey City and the Hoboken Station located in Hudson County, NJ. Each station will be investigated to determine the extent of latent damage to the structural, mechanical, and electrical facilities that has occurred from Superstorm Sandy.

Architectural finishes will be restored throughout the stations and mezzanines. The item also will provide funds for the waterproofing of Newport Station.

# THE PORT AUTHORITY OF NY & NJ

#### Counties:

Hudson

# Municipalities:

Hoboken City Jersey City

**DBNUM:** PA1711

#### **NJDOT CIS Category:**

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

**PANYNJ** 

#### **Air Quality Code:**

O9, MT8 (Exempt)

#### **Est. Total Project Cost:**

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$5.000

PHASE	SOURCE	2020	2021	2022	2023	202
CON	PANYNJ	\$.500				
CON	SECT 5324	\$4.500				
		\$5.000				

2024-2029

#### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Repairs at Harrison Car Maintenance Facility

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

Unconstrained Information Year

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PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.537		
CON	SECT 5324		\$4.829		
			\$5.366		

FY 2020 - 2023 TIP Cost: (Million) \$5.366

	2024-2029
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### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Repairs at Harrison Car Maintenance Facility

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

**DBNUM:** PA1710

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$.537			
CON	SECT 5324	\$4.829			
		\$5.366			

FY 2020 - 2023 TIP Cost: (Million) \$5.366

2024-2029

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Replacement of Harrison Station South West Head House and Platform DBNUM: PA1910

Replace Harrison Station South West head house and platform to provide a new flood resilient head house and platform. The investment will protect the critical elements of the station from damage in the event of another major storm.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$45.242

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ		\$4.527			
CON	SECT 5324		\$40.715			
			\$45.242			

New Project Addition Revision 1 As of 12/5/2019

# **NJTPA**

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Replacement of Harrison Station South West Head House and Platform DBNUM: PA1910

Replace Harrison Station South West head house and platform to provide a new flood resilient head house and platform. The investment will protect the critical elements of the station from damage in the event of another major storm.

# THE PORT AUTHORITY OF NY & NJ

Counties:

Hudson

Municipalities:

Harrison Town

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$45.242

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ	\$4.527				
CON	SECT 5324	\$40.715				
		\$45.242				

#### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Salt Mitigation

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E &F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

**Municipalities:** 

Various

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

**Sponsor:** PANYNJ

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$11.722

PHASE	SOURCE	2020	2021	2022	2023	202
CON	PANYNJ		\$1.172			
CON	SECT 5324		\$10.550			
			\$11.722			

2024-2029

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Salt Mitigation

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E &F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

**Municipalities:** 

Various

NJDOT CIS Category:

**DBNUM:** PA1412

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$11.722

		<u> </u>				
PHASE	SOURCE	2020	2021	2022	2023	202
CON	PANYNJ	\$1.172				
CON	SECT 5324	\$10.550				
		\$11.722				

2024-2029

#### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Trackwork Repair and Restoration

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

Municipalities:

Various

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$5.474

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ		\$.548		
CON	SECT 5324		\$4.926		
			\$5.474		

2024-2029

## **NJTPA**

## **Transportation Improvement Program Fiscal Years 2020 - 2023**

Trackwork Repair and Restoration

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

Municipalities:

Various

**NJDOT CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$5.474

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$.548			
CON	SECT 5324	\$4.926			
		\$5.474			

2024-2029

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

Trackwork Repair and Restoration

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.

# THE PORT AUTHORITY OF NY & NJ

Counties:

**Hudson Essex** 

**Municipalities:** 

Various

**NJDOT CIS Category:** 

**DBNUM:** PA1419

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**PANYNJ** 

Air Quality Code:

O9, MT9 (Exempt)

**Est. Total Project Cost:** 

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$16.046

PHASE	SOURCE	2020	2021	2022	2023
CON	PANYNJ	\$1.605			
CON	SECT 5324	\$14.441			
		\$16.046			

2024-2029

#### NJTPA

# **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Vertical Transportation** 

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility. three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken NJ: Hoboken Station. Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.

# HE PORT AUTHORI OF NY & NJ

#### Counties:

Hudson

#### Municipalities:

Hoboken City Harrison Twp Jersey City

#### **NJDOT CIS Category:**

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

**PANYNJ** 

#### Air Quality Code:

O9, MT8 (Exempt)

#### **Est. Total Project Cost:**

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$3.667

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ		\$.367			
CON	SECT 5324		\$3.300			
			\$3.667			

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# **Transportation Improvement Program Fiscal Years 2020 - 2023**

**Vertical Transportation** 

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility, three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken, NJ; Hoboken Station, Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.

# THE PORT AUTHORITY OF NY & NJ

#### Counties:

Hudson

#### Municipalities:

Hoboken City Harrison Twp Jersey City

**DBNUM:** PA1415

#### **NJDOT CIS Category:**

Mass Transit Assets

#### **RCIS Category:**

**Transit Preservation** 

#### Sponsor:

**PANYNJ** 

#### Air Quality Code:

O9, MT8 (Exempt)

#### **Est. Total Project Cost:**

(Million) Not Available

FY 2020 - 2023 TIP Cost: (Million) \$3.667

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	PANYNJ	\$.367				
CON	SECT 5324	\$3.300				
		\$3.667				